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ATTORNEY'S DOCKET NO: **H00498/70168 TJO**  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Olivier J. A. Schueller et al.  
Serial No: 10/003,033  
Conf. No.: 2182  
Filed: November 1, 2001  
For: OPTICAL MODULATOR/DETECTOR BASED ON RECONFIGURABLE  
DIFFRACTION GRATING  
Art Unit: 2878

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Commissioner for Patents, Washington, D.C. 20231, on the 12 day of June 2002.

Kenneth M. O'Angelo  
Signature

**BOX MISSING PARTS**  
Commissioner For Patents  
Washington, D.C. 20231

Sir:

Transmitted herewith are the following documents:

- ☒ Part 2 Notice to File Missing Parts including Substitute Informal Drawings
- ☒ Second Preliminary Amendment
- ☒ Petition for Two Month Extension of Time
- ☒ Fee Calculation Sheet
- ☒ Return Receipt Postcard

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617)720-3500, Boston, Massachusetts.

A check in the amount of \$1634 (for \$370 filing, \$999 additional claims, \$200 extension of time, and \$65 surcharge fees) is enclosed. If this fee is insufficient, please charge the balance to the account of the undersigned, Deposit Account No. 23/2825. A duplicate of this sheet is enclosed.

Respectfully submitted,

Timothy J. Oyer  
Timothy J. Oyer, Reg. No. 36,628  
Lisa E. Winsor, Reg. No. 44,405  
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X6/22/02



Attorney Docket No. H00498/70168 TJO

Inventor(s): Olivier J.A. Schueller et al.

Serial No: 10/003,033

Conf. No: 2182

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Filed: November 1, 2001

CHECK BOX, if applicable:

For: Optical Modulator/Detector based on Reconfigurable Diffraction Grating

☐ DUPLICATE

### Fee Calculation Sheet

CLAIMS	FOR	NUMBER FILED	NUMBER EXTRA	RATE	FEE
	TOTAL CLAIMS (37 CFR 1.16(c))	89-20=	69x	\$ 18	= \$ 1,242.00
	INDEPENDENT CLAIMS (37 CFR 1.16(b))	12-3=	9 x	\$ 84	= \$ 756.00
				BASIC FEE (37 CFR 1.16(a))	\$ 740.00
	Fee for Petition for Extension of Time (if any)				\$ 400.00
	Total of above Calculations =				\$ 3138.00
	Reduction by 50% for filing by small entity (Note 37 CFR 1.9, 1.27, 1.28).				\$ 1569.00
	Other Fees (Missing Parts Surcharge)				\$ 65.00
	TOTAL =				\$ 1634.00

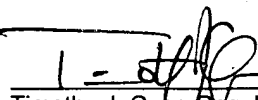
1. A check in the amount of \$1634.00 is enclosed.

**General Authorization to Charge Deposit Account and General Request for Extension of Time**

2. a. ☒ If the filing of any paper in this application necessitates the payment of a fee under 37 CFR §§ 1.16, 1.17 or 1.18, and the fee due is in an amount different from any enclosed check or if no check is enclosed, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 23/2825.

b. ☐ The applicant hereby revokes any prior authorization to charge a fee due under 37 CFR §§ 1.16, 1.17 or 1.18.

3. If the filing of any paper in this application necessitates an extension of time under 37 CFR §1.136(a), the applicant hereby requests such extension of time. If the fee due is in an amount different from any enclosed check or if no check is enclosed, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 23/2825.

  
Timothy J. Oyer, Reg. No. 36,628  
Lisa E. Winsor, Reg. No. 44,405  
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600 Atlantic Avenue  
Boston, MA 02210-2211  
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Date: June 12, 2002

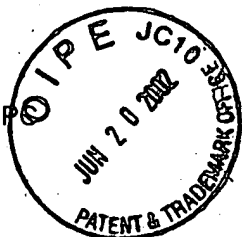
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## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/003,033	11/01/2001	Olivier J. A. Schueller	H00498/70168 TJO

23628

WOLF GREENFIELD & SACKS, P  
FEDERAL RESERVE PLAZA  
600 ATLANTIC AVENUE  
BOSTON, MA 02210-2211

CONFIRMATION NO. 2182

## FORMALITIES LETTER



\*OC000000007522260\*

Date Mailed: 02/22/2002

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

## Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- o The statutory basic filing fee is missing.  
*Applicant must submit \$ 370 to complete the basic filing fee for a small entity.*
- o Total additional claim fee(s) for this application is \$1175.
  - \$657 for 73 total claims over 20.
  - \$378 for 9 independent claims over 3.
  - \$140 for multiple dependent claim surcharge.
- o To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- o The balance due by applicant is \$ 1610.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:


- o Substitute drawings in compliance with 37 CFR 1.84 because:
  - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. ( 5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);
  - Drawings must be reasonably free from erasures and must be free from alterations, overwritings, interlineations, folds, and copy marks.

06/25/2002 SFELEKE1 00000090 10003033

01 FC:201	370.00 OP
02 FC:202	378.00 OP
03 FC:203	621.00 OP
04 FC:205	65.00 OP

*A copy of this notice **MUST** be returned with the reply.*

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Customer Service Center  
Initial Patent Examination Division (703) 308-1202

**PART 2 - COPY TO BE RETURNED WITH RESPONSE**

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